

WEST Search History

DATE: Wednesday, March 27, 2002

Set Name Query

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result set

DB=USPT,PGPB; PLUR=YES; OP=ADJ

L16	((ALE or ALD or (atomic near2 layer near2 (deposit\$3 or epitax\$3))) or (puls\$3 near2 (\$2CVD or (vapor deposit\$3)))) and (deposit\$3 same ((gallium arsenide) or GaAs) same (GaN or (gallium near2 nitride)))	4	L16
L15	L14 and L2	70	L15
L14	((ALE or ALD or (atomic near2 layer near2 (deposit\$3 or epitax\$3))) or (puls\$3 near2 (\$2CVD or (vapor deposit\$3)))) and (deposit\$3 with (tungsten or tantalum or TaN or (titanium nitride) or TiN or copper or Cu or aluminum or Al or (ruthenium oxide) or (iridium oxide) or Ag or silver or zirconia or (zirconium oxide) or alumina or (aluminum oxide) or Al2O3 or "Al.sub.2O.sub.3" or nitride or BST or (barium strontium titanate) or silicate))	619	L14
L13	L12 and L2	212	L13
L12	((ALE or ALD or (atomic near2 layer near2 (deposit\$3 or epitax\$3))) or (puls\$3 near2 (\$2CVD or (vapor deposit\$3)))) and (tungsten or tantalum or TaN or (titanium nitride) or TiN or copper or Cu or aluminum or Al or (ruthenium oxide) or (iridium oxide) or Ag or silver or zirconia or (zirconium oxide) or alumina or (aluminum oxide) or Al2O3 or "Al.sub.2O.sub.3" or nitride or BST or (barium strontium titanate) or silicate)	3625	L12
L11	5851849.pn.	1	L11
L10	((ALE or ALD or (atomic near2 layer near2 (deposit\$3 or epitax\$3))) and (((purge or purged or purging) with (inert gas)) same ((prevent\$3 or reduc\$3 or eliminat\$3 or minimiz\$3) near4 (react\$3 or decompos\$5)))	5	L10
L9	((ALE or ALD or (atomic near2 layer near2 (deposit\$3 or epitax\$3))) and ((purge or purged or purging) with (inert gas) with (pulse or pulses or pulsing or pulsed))	10	L9
L8	L6 and ((photoinitiate or photoinitiated or photoinitiating) or ((light or radiation or radiant or photo\$10) near3 (pulse or pulsed or pulsing or flash\$3 or intermit\$8)))	9	L8
L7	L6 and ((ALE or ALD or (atomic near2 layer near2 (deposit\$3 or epitax\$3))) or (puls\$3 near2 (\$2CVD or (vapor deposit\$3)))) and ((photoinitiate or photoinitiated or photoinitiating) or ((light or radiation or radiant or photo\$10) near3 (pulse or pulsed or pulsing or flash\$3 or intermit\$8)))	0	L7
L6	(Thakur.in. or Steag.as.)	379	L6
L5	L4 not L3	78	L5
	((ALE or ALD or (atomic near2 layer near2 (deposit\$3 or		

L4	epitax\$3))) or (puls\$3 near2 (\$2CVD or (vapor deposit\$3))) with ((photoinitiate or photoinitiated or photoinitiating) or ((light or radiation or radiant or photo\$10)))	97	L4
L3	L2 and ((427/\$).icls. or (438/\$).icls. or (117/\$).icls. or (118/\$)!icls.) ((ALE or ALD or (atomic near2 layer near2 (deposit\$3 or epitax\$3))) or (puls\$3 near2 (\$2CVD or (vapor deposit\$3))) same	39	L3
L2	((photoinitiate or photoinitiated or photoinitiating) or ((light or radiation or radiant or photo\$10)))	220	L2

DB=JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

L1	((ALE or ALD or (atomic near2 layer near2 (deposit\$3 or epitax\$3))) or (puls\$3 near2 (\$2CVD or (vapor deposit\$3))) and ((photoinitiate or photoinitiated or photoinitiating) or ((light or radiation or radiant or photo\$10) near3 (pulse or pulsed or pulsing or flash\$3 or intermit\$8)))	6	L1
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END OF SEARCH HISTORY

WEST

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Search Form

Posting Counts

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Preferences

Cases

Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

Search Results -

Term	Documents
ALE.DWPI,TDBD,EPAB,JPAB.	644
ALES.DWPI,TDBD,EPAB,JPAB.	157
ALD.DWPI,TDBD,EPAB,JPAB.	364
ALDS.DWPI,TDBD,EPAB,JPAB.	9
ATOMIC.DWPI,TDBD,EPAB,JPAB.	60670
ATOMICS.DWPI,TDBD,EPAB,JPAB.	342
LAYER.DWPI,TDBD,EPAB,JPAB.	1682051
LAYERS.DWPI,TDBD,EPAB,JPAB.	460011
DEPOSIT\$3	0
DEPOSIT.DWPI,TDBD,EPAB,JPAB.	119543
DEPOSITA.DWPI,TDBD,EPAB,JPAB.	1
.....	
PHOTOS\$10(PHOTOGRAPHICGPH).JPAB,EPAB,DWPI,TDBD.	pickup term
(((ALE OR ALD OR (ATOMIC NEAR2 LAYER NEAR2 (DEPOSIT\$3 OR EPITAX\$3))) OR (PULS\$3 NEAR2 (\$2CVD OR (VAPOR DEPOSIT\$3)))) AND ((PHOTOINITIATE OR PHOTOINITIATED OR PHOTOINITIATING) OR ((LIGHT OR RADIATION OR RADIANT OR PHOTOS\$10) NEAR3 (PULSE OR PULSED OR PULSING OR FLASH\$3 OR INTERMIT\$5))))).JPAB,EPAB,DWPI,TDBD.	6

There are more results than shown above. [Click here to view the entire set.](#)

Database:

US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L8

Refine Search

Recall Text

Clear

Search History

DATE: Wednesday, March 27, 2002 [Printable Copy](#) [Create Case](#)

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<u>L8</u>	((ALE or ALD or (atomic near2 layer near2 (deposit\$3 or epitax\$3))) or (puls\$3 near2 (\$2CVD or (vapor deposit\$3)))) and ((photoinitiate or photoinitiated or photoinitiating) or ((light or radiation or radiant or photo\$10) near3 (pulse or pulsed or pulsing or flash\$3 or intermit\$5)))	6	<u>L8</u>
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DB=USPT,PGPB; PLUR=YES; OP=ADJ

<u>L7</u>	((ALE or ALD or (atomic near2 layer near2 (deposit\$3 or epitax\$3))) or (puls\$3 near2 (\$2CVD or (vapor deposit\$3)))) and ((photoinitiate or photoinitiated or photoinitiating) or ((light or radiation or radiant or photo\$10) near3 (pulse or pulsed or pulsing or flash\$3 or intermit\$5)))	109	<u>L7</u>
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<u>L6</u>	L1 and ((photoinitiate or photoinitiated or photoinitiating) or ((light or radiation or radiant or photo\$10) near3 (pulse or pulsed or pulsing or flash\$3 or intermit\$5)))	100	<u>L6</u>
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<u>L5</u>	L1 and ((photoinitiat\$3) or ((light or radiation or radiant or photo\$10) near3 (pulse or pulsed or pulsing or flash\$3 or intermit\$5)))	199	<u>L5</u>
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<u>L4</u>	(((117/\$).icls.)) and ((photoinitiated) or ((light or radiation or radiant or photo\$10) near3 (pulse or pulsed or pulsing or flash\$3 or intermit\$5)))	85	<u>L4</u>
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<u>L3</u>	((117/\$).icls.) and ((photoinitiated) or ((light or radiation or radiant or photo\$10) near4 (pulse or pulsed or pulsing or flash\$3 or intermit\$5 or treat\$3 or expos\$3 or anneal\$3)))	1333	<u>L3</u>
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<u>L2</u>	((427/553).icls. or (427/557).icls. or (427/558).icls. or (427/559).icls.) and ((427/581).icls. or (427/582).icls. or (427/583).icls. or (427/584).icls.))	43	<u>L2</u>
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<u>L1</u>	((427/492).icls. or (427/509).icls. or (427/553).icls. or (427/557).icls. or (427/558).icls. or (427/559).icls. or (427/581).icls. or (427/582).icls. or (427/583).icls. or (427/584).icls. or (427/248.1).icls. or (118/715).icls. or (118/641).icls. or (118/642).icls. or (117/84).icls. or (117/88).icls. or (117/89).icls. or (117/93).icls. or (117/102).icls. or ((117/104)!.ICLS.))	3746	<u>L1</u>
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END OF SEARCH HISTORY